

Amendments to the Claims:

Please amend the claims as follows. Applicants reserve the right to pursue any canceled claims at a later date.

1-9. (canceled)

10. (currently amended) A server system comprising ~~a computer and a web server implemented on the computer~~, the web server comprising:

a database extension module comprising a first mechanism for exchanging data with a database; and

an automation extension module~~software modules, wherein at least one first software module comprises~~ comprising a second~~first~~ mechanism for implementing an automation functionality, the web server further including~~and~~ a second mechanism for accessing a real-time operating system, wherein the database extension module is linked to exchange data between the web server and a database server, and the automation extension module is linked to multiple hardware components of an automation system, enabling operation of the industrial process through the web server.

11. (currently amended) The server system according to Claim 10, wherein the web server comprises a connection to a communications network.

12. (currently amended) The server system according to Claim 11, wherein the communications network is the Internet.

13. (currently amended) The server system according to Claim 10, wherein internet protocols are provided for communication between the software modules and for communication between the software modules and components outside the web server.

14. (currently amended) The server system according to Claim 11, wherein internet protocols are provided for communication between the software modules and for communication between the software modules and components outside the web server.

15. (currently amended) The server system according to Claim 10, wherein the web server is adapted for configuring and administrating the software modules.

16. (currently amended) The server system according to Claim 11, wherein the web server is adapted for configuring and administrating the software modules.

17. (currently amended) The server system according to Claim 13, wherein the web server is adapted for configuring and administrating the software modules.

18. (currently amended) The server system according to Claim 10, wherein the first software module comprises a connection with an industrial automation system.

19. (currently amended) The server system according to Claim 11, wherein the first software module comprises a connection with an industrial automation system.

20. (currently amended) The server system according to Claim 13, wherein the first software module comprises a connection with an industrial automation system.

21. (currently amended) The server system according to Claim 15, wherein the first software module comprises a connection with an industrial automation system.

22. (currently amended) The server system according to Claim 10, wherein the web server comprises a connection to the internet using a firewall.

23. (currently amended) The server system according to Claim 11, wherein the web server comprises a connection to the internet using a firewall.

24. (currently amended) The server system according to Claim 13, wherein the web server comprises a connection to the internet using a firewall.

25. (currently amended) The server system according to Claim 10, wherein the web server is connected by a communications network to a web browser as an operating and monitoring system.

26. (currently amended) The server_system according to Claim 11, wherein the web server is connected by a communications network to a web browser as an operating and monitoring system.

27. (currently amended) The server system according to Claim 13, wherein the web server is connected by a communications network to a web browser as an operating and monitoring system.

28. (currently amended) An automation system comprising

a plurality of hardware components;

a plurality of computer and a web servers each implemented as a single chip solution on the computer, wherein the web server comprises comprising a plurality of software modules, wherein a first software module includes comprises a first mechanism for implementing an automation functionality and a second mechanism for accessing a real-time operating system, each web server further including:

a first extension module for implementing an automation functionality linked to multiple ones of the hardware components, enabling operation of the industrial process through the web server;

a second extension module functioning as an XML parser;

a third extension module linked to effect a Profibu connection;

a fourth extension module providing Java functionality;

a fifth extension module linked to process video signals from a web camera; and

a sixth extension module for for processing XML data.

29. (canceled)

30. (canceled)

31. (currently amended) The automation system as claimed in claim ~~28~~30, wherein the first extension module has functions of a programmable logic controller.

32. (currently amended) The automation system as claimed in claim 28, ~~further comprising a plurality of web server, wherein one of the plurality of web servers~~ has ~~an~~ extension modules, ~~wherein a second extension module is connected to a converter, providing wherein the second extension module has a computer numerical control functionality so that a computer-controlled machine tool is controlled based upon the second extension module,~~ wherein the computer-controlled machine tool is used for a high-speed and precision manufacture of turned and milled parts.

33. (currently amended) The automation system as claimed in claim 31, wherein ~~an~~ second extension module of one of the servers is connected to a converter.

34. (currently amended) The automation system as claimed in claim 33, wherein one of the a third extension modules of a server controls a drive.

35. (currently amended) The automation system as claimed in claim 34, wherein one of the a fourth extension modules of a server controls a valve.

36 - 37. (canceled)

38. (currently amended) The automation system as claimed in claim ~~28~~36, wherein one of the a web servers of the plurality of web server is connected to the internet via a firewall.

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39. (currently amended) The automation system as claimed in claim 2830, wherein aone
of the web servers of the plurality of web server has an extension module connected to a SQL7
server, and a further extension module connects to an industrial process.

40 - 44. (canceled)